

**REMARKS**

The present application has been amended in response to the Examiner's Office Action to place the application in condition for allowance. Applicant, by the amendments presented above, has made a concerted effort to present claims which clearly define over the prior art of record, and thus to place this case in condition for allowance.

In the Office Action, the Examiner rejected claims 1-9 and 11-20 under 35 U.S.C. § 103(a) as being unpatentable over United States Patent Application Publication No. US 2002/0100034 A1 (Croix) in view of United States Patent No. 6,484,149 (Jammes et al.). The independent claims have been amended to further distinguish the claimed invention from that which is disclosed in the cited references.

The present invention uses memory to define the creation of DCL/DPCM data for specific memory configuration. The memory referred to in the present application is a usable object in ASIC designs. The memory that the Examiner refers to happens to be the parlance used in software program execution wherein an intermediate value is stored in the computer's physical/virtual memory during program/process execution. The distinction between what the present disclosure generates as an output (OLA memory) and the memory used in the course of execution of a software program has been clarified by the amendments to independent claims 1, 11, 16 and 20.

Croix at no point in time references memory templates and memory parlance or any data structure similar in scope that enables the creation of the OLA (DPCM) memory output. The memory templates are specific to a memory configuration that the user requires and this is

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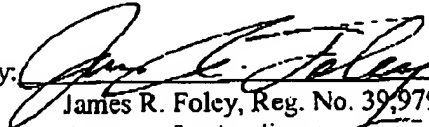
different from the information being requested in the Croix application. In Croix, method and means of obtaining specific path delay and/or capacitive loading information is discussed. What the present invention discloses is a method to generate the DPCM that contains such said information for a specific memory type/configuration.

In view of the above amendments and remarks, Applicant respectfully submits that the claims of the application are allowable over the rejections of the Examiner. Should the present claims not be deemed adequate to effectively define the patentable subject matter, the Examiner is respectfully urged to call the undersigned attorney of record to discuss the claims in an effort to reach an agreement toward allowance of the present application.

Respectfully submitted,

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